Form Approved OMB No. 2050-0086

Continuous Release Reporting Form Expiration Date: 12-31-2011 SECTION I: GENERAL CR-ERNS Number: 981320 INFORMATION Date of Initial Call to NRC: 6/30/2011 **Date of Initial Release:** 6/30/2011 Type of Report: Select from the drop-down list, Received the type of report that you **Annual Report** are submitting AUG 2 7 2012 Chemical Emergency Signed Statement: I certify that the hazardous substance releases described herein are continuous and stable in quantity and rate under the definitions in 40 CFR 302.8(b) or 355.32 and that all submitted information is accurate and current to the best of my knowledge. Name and Position RICK UMMAAN Part A. Facility or Vessel Information Name of Facility or Vessel E.B Eddy Paper, Inc. (Domtar Corp) Person in Charge Rick Vannan Name Position General Manager of Facility or Vessel Phone Number (810) 984-9536 Alt Phone No. (810) 982-0191 **Facility Address** Street St. Clair 1700 Washington Ave. County or Vessel Port of Registration State MI Zip Code 48060 City Port Huron **Dun and Bradstreet Number for Facility** 178301230 Facility/Vessel **Vessel LORAN Coordinates** Latitude 42 59 Min 17 Sec Location 26 Longitude Deg -82 17 Min Sec NOTE: Latitude/Longitude information can be obtained at the following websites: http://www.satsig.net/maps/lat-long-finder.htm, http://earth.google.com/, and http://www.census.gov/geo/landview/. Do not use P.O. Box, Rural Route or Mailing Address. Use physical location only. Part B. Population Information Select from the drop-down list, the range that Population describes the population density within a one- Over 2000 people / square mile Density mile radius of your facility or vessel. Sensitive Populations or Ecosystems Estimated Distance and Direction from Sensitive (e.g., elementary schools, hospitals, retirement communities, Facility, if Known Populations and or wetlands) **Ecosystems within** 0.45 miles SE Port Huron Hospital

0.97 miles NW

Emergent Wetland

One-Mile Radius

SECTIO	N II: SOURO INFORI	CE MATION		CR-ERNS Number:	981,320		
Part A: Basis for Asserting the Release is Continuous and Stable in Quantity and Rate. For EACH source of a release of a hazardous substance or mixture from your facility or vessel, provide the following information on a SEPARATE sheet.							
Name of S	Source:	Boiler #2					
1. I	ndicate whether the	e release from this	source is either:	<u> </u>			
X C	ontinuous without	interruption	OR		, intermittent & incidental to or treatment processes.		
accidents, not inciden	do not qualify j ntal to normal o	for reduced repo operations and,	orting under Cl by definition, a		emergency shutdowns, or Unanticipated events are cipated, and are not		
I:	f malfunction, desc		on and explain wh	y the release from the malfund	and stable in quantity and rate.		
				ement Boiler #5. NOx is gener 8 days. Release calculations a	rated and released during the are based on AP-42, Section		
				•			
					Đ		
3. I	dentify below how	you established th	e pattern or releas	e and calculated release estima	ates.		
Releas	se data Know	wledge of Operatin	g Procedures	Engineering estimate 🔲 E	Best Professional judgment		
Other -							

SECTION II: SOURCE	
INFORMATION (continued)	CR-ERNS Number: 981320
Name of Source: Boiler #2	
EACH source. AFFECTED MEDIUM. Identify the environmental mediby the release from this source. If your source releases hazardou	ium (i.e., air, surface water, soil, or ground water) that is affected as substances to more than one medium (e.g., a wastepile releasing a separate source and complete Section II, Parts A, B, and C, of this
AIR If the medium affected is air, please also specify w	whether the source is a stack or a ground-based area source.
Stack Indicate stack height in feet or meters	70 feet
○ SURFACE WATER If the release affects any surface water body, give the na □ Surface Water Body	ume of the water body.
Stream Order Stream	ne stream order or average flow rate, in cubic feet per second. OR Average Flow Rate (cubic feet/second)
Surface area of lake (in acres) If the release affects a lake, give the s	Average depth of lake (in meters) surface area of the lake in acres and the average depth in meters.
SOIL OR GROUND WATER If the release is on or under ground, the location of public	c water supply wells within two miles.
The following information is not required to comply with the regulation	ided, EPA will make conservative assumptions about the appropriate
For a stack release to air, provide the following information, if available	:
Inside diameter (feet or meters) Gas Exit Velocity (ft or meters/s	Gas Temp (degrees Fahrenheit, Kelvin, or Celsius)
For a release to surface water, provide the following information, if available to the following information of the following inform	ilable:
Average velocity of surface water (feet/second)	

SECTION II: Se	OURCE I		ON		CR-ERNS Number:	981320	
Part C: Identity a Please provide a S.	_	•		stance or Mixtur	e Released From	Each Source	
Name of Source:	Во	iler #2					
List each hazardous s	substance rel	leased from the so	ource identified	above and provide t	he following inform	ation. Include units where approp	riate. Radionuclides in curies (Ci).
Name of Hazardous	Substance	CASRN#		nal Range g, or Ci per day) Lower Bound	Number of Days Release Occurs (per year)	Total Quantity Released in Previous Yea (in lbs., kg, or Ci)	r Period of the <u>Release</u>
Nitrogen Dioxi	de NO2	10102-44-0	7.8	1.04	138 138	143.92 lbs/year	All 12 months All 12 months
Nitrogen Oxide	e NO	10102-43-9	140.4			2590.56 lbs/year	
Nitrous Oxide	N2O	10024-97-2	7.8	1.04	138	143.92 lbs/year	All 12 months
		:					:
	_						
List each mixture rela	eased from t	he source identifi	ed above and p	rovide the following	information. Includ	de units where appropriate. Radionucli	des in curies (Ci).
N	fame of Hazai			Normal Range of Components (in lbs., kg, or Ci per c	Mixtur lay) (in lbs., kg, or C	re Ci per day) Number of Days	Total Quantity of Mixture Released Period of
Name of Mixture	Substance Componen		Weight Percentage	Upper Low Bound Bour	, , ,	Lower Release Occurs Bound (per year)	in Previous Year the (in lbs., kg or Ci) Release
	<u> </u>						

SECTION II: SOURCE INFORMATION			CR-ERNS Number:	981,320		
Part A: Basis for Ass	erting the Release	is Continuou	ous and Stable in Quantity and Rate.			
For EACH source of a he following informat	•		ce or mixture from your j	facility or vessel, provide		
Name of Source:	Boiler #4					
1. Indicate whether	the release from this se	ource is either:				
Continuous with	out interruption	OR		l, intermittent & incidental to or treatment processes.		
eccidents, do not quali not incidental to norma	fy for reduced repor al operations and, b	rting under C y definition, a		emergency shutdowns, or Unanticipated events are cipated, and are not		
If malfunction, o		n and explain wh	ny the release from the malfund	and stable in quantity and rate.		
				rated and released during the re based on AP-42, Section 1.4.		
3. Identify below h	ow you established the	pattern or releas	se and calculated release estima	ates.		
Release data	nowledge of Operating	Procedures [>	Engineering estimate E	Best Professional judgment		
Other -			1.000			
		-				

SECTION II: SOURCE	
INFORMATION (continued)	CR-ERNS Number: 981320
Name of Source: Boiler #4	
Part B: Specific Information on the Source	
EACH source. AFFECTED MEDIUM. Identify the environmen by the release from this source. If your source releases he	tal medium (i.e., air, surface water, soil, or ground water) that is affected azardous substances to more than one medium (e.g., a wastepile releasing turn as a separate source and complete Section II, Parts A, B, and C, of this
● AIR If the medium affected is air, please also specified is air, please also specified in the medium affected is air, please also specified in the medium affected is air, please also specified in the medium affected is air, please also specified in the medium affected is air, please also specified in the medium affected is air, please also specified in the medium affected is air, please also specified in the medium affected is air, please also specified in the medium affected in the medium affecte	pecify whether the source is a stack or a ground-based area source.
Stack Indicate stack height in feet or me	ters 102 feet
○ SURFACE WATER If the release affects any surface water body, giv Surface Water Body	e the name of the water body.
Stream If the release affects a stream	, give the stream order or average flow rate, in cubic feet per second.
Stream Order	OR Average Flow Rate (cubic feet/second)
Lake Surface area of lake (in acres	
SOIL OR GROUND WATER If the release is on or under ground, the location of	of public water supply wells within two miles.
The following information is not required to comply with the rassociated with the continuous release. If this information is	ptional Information egulation; however, such information will assist EPA in evaluating the risks not provided, EPA will make conservative assumptions about the appropriate d units. You may use other units; however, be certain that the units are clearly available:
Inside diameter (feet or meters) Gas Exit Velocity (ft o	
For a release to surface water, provide the following information of surface water (feet/second	

SECTION II: SOURCE (continue		ION		CR-ERNS Number:	981320	
Part C: Identity and Qua Please provide a SEPARAT	-		tance or Mixtur	e Released From	Each Source	
Name of Source:	oiler #4			<u> </u>		
List each hazardous substance 1	released from the s	ource identified a	above and provide t	he following inform	ation. Include units where approp	riate. Radionuclides in curies (Ci).
Name of Hazardous Substance	CASRN#		al Range or Ci per day) Lower Bound	Number of Days Release Occurs (per year)	Total Quantity Released in Previous Yea (in lbs., kg, or Ci)	r Period of the <u>Release</u>
Nitrogen DioxideNO2	10102-44-0	10.92 lbs//	2.10 lbs/da	12	25.15 lbs/year	All 12 months
Nitrogen Oxide NO	10102-43-9	196.56 lbs	37.72 lbs/d	12	452.66 lbs/year	All 12 months
Nitrous Oxide N2O	10024-97-2	10.92 lbs/	2.10 lbs/da	12	25.15 lbs/year	All 12 months
				<u> </u>	:	
List each mixture released from	the source identif	ed above and pr	ovide the following i	information. Includ	e units where appropriate. Radionucli	ides in curies (Ci).
Name of Ha	zardous	(i	Normal Range of Components in lbs., kg, or Ci per of	OR Normal Ran Mixture day) (in lbs., kg, or C	- 3	Total Quantity of Mixture Released Period of
Name of Mixture Substan Compone		Weight Percentage	Upper Low Bound Bour	11	Lower Release Occurs Bound (per year)	in Previous Year the (in lbs., kg or Ci) Release
			. [

SECTION	II: SOURC	CE MATION		CR-ERNS Number:	981,320
		-		us and Stable in Quantity	
	•	n on a SEPARA			
Name of So	ource:	Boiler #5			
1. Inc	licate whether th	e release from this s	ource is either:		
⊠ Cor	tinuous without	interruption	OR		, intermittent & incidental to or treatment processes.
ccidents, a ot incident	o not qualify j al to normal c	for reduced repor operations and, b	rting under C y definition, d	tures, equipment failures, e ERCLA section 103(f)(2). are not continuous or anticularies are in quantity and rate.	Unanticipated events are
Ifı	nalfunction, desc		n and explain w	g that the release is continuous a by the release from the malfunc a above.	
the combu	istion of coal. Re		are based on AP	or an average of 359 days per y -42, Section 1.1 Emission Facto igniters.	
3. Ide	entify below how	you established the	pattern or releas	se and calculated release estima	
Release	data Knov	wledge of Operating	Procedures 2	Engineering estimate B	est Professional judgment
Other -					

SECTION II: SOUL	RCE				
INFO (conti	RMATION nued)	CR-ERNS	Number:	9813	320
Name of Source:	Boiler #5				
EACH source. AFFECTED MEDIUN by the release from this sour	M. Identify the environmental med ce. If your source releases hazardor at the release to EACH medium as	ium (i.e., air, surface us substances to mor	e water, soil, o	or ground edium (e	water) that is affected .g., a wastepile releasing
● AIR If the medium	affected is air, please also specify v	whether the source is	a stack or a g	ground-b	ased area source.
Stack Indica	ate stack height in feet or meters		135 feet	<u>-</u>	
SURFACE WAT If the release affects a Surface Water Body	ER any surface water body, give the na	ame of the water bod	ly.		
Stream	f the release affects a stream , give t		verage flow ra		
	Surface area of lake (in acres) The release affects a lake, give the		e depth of lak		
O SOIL OR GROU	UND WATER under ground, the location of publi	c water supply wells	within two n	niles.	
associated with the continu	Optional is not required to comply with the regulation ous release. If this information is not prove units specified below are suggested units.	ided, EPA will make co	nservative assun	nptions ab	out the appropriate
For a stack release to air, p Inside diameter (fect or meters)	rovide the following information, if available Gas Exit Velocity (ft or meters/		emp (degrees Fal	ırenheit. K	elvin, or Celsius)
	ter, provide the following information, if ava		r (3		
	velocity of surface water (feet/second)				
、	L				,

SECTION II: SOU! (cont	RCE I		ON		CR-ERNS Number:	981320	
art C: Identity and Please provide a SEPA		•		ance or Mixtur	e Released From I	Cach Source	
Name of Source:	Во	iler #5					
ist each hazardous subst	ance rele	eased from the so	ource identified a	bove and provide t	he following informat	ion. Include units where approp	riate. Radionuclides in curies (Ci).
Name of Hazardous Subs	tance	CASRN#		al Range or Ci per day) Lower Bound	Number of Days Release Occurs (per year)	Total Quantity Released in Previous Yea (in lbs., kg, or Ci)	ur Period of the Release
Nitrogen Dioxide	NO2	10102-44-0	129.00 lbs	94.68 lbs	355	33584.81 lbs/yr	All 12 months
Nitrogen Oxide N	0	10102-43-9	2322.00 🖺	1704.21 lbs	355	604526.58 lbs/yı	All 12 months
Nitrous Oxide N2	<u> </u>	10024-97-2	129.00 lbs	94.68 lbs	355	33584.81 lbs/yr	All 12 months
		:				:	:
1444							
ist each mixture released	from th	e source identifi	ed above and pro	vide the following i	nformation. Include	units where appropriate. Radionucl	ides in curies (Ci).
				Normal Range of		e of	Total Oversity of
Name	of Hazar	dous	(iı	Components n lbs., kg, or Ci per d	Mixture lay) (in lbs., kg, or Ci	per day) Number of Days	Total Quantity of Mixture Released Period of
Si	ibstance		•	Upper Low	• /	Lower Release Occurs	in Previous Year the
Name of Mixture Co	mponent	s <u>CASRN</u> #	Percentage	Bound Bour	nd Bound I	Bound (per year)	(in lbs., kg or Ci) Release
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		:			: [
			-				r

ECTION II: SOURCE INFORMATION				CR-ERNS Number:	981,320
or EA		elease of a hazai	rdous substar	us and Stable in Quantity ace or mixture from your	
lame o	f Source:	Boiler #6			
1.	Indicate whether th	e release from this s	source is either:		
X	Continuous without	interruption	OR		, intermittent & incidental to or treatment processes.
ccident ot incid ufficien	ts, do not qualify j dental to normal c atly predictable or	for reduced repo pperations and, l regular to be co	orting under C by definition, onsidered stat	are not continuous or anti- ble in quantity and rate.	Unanticipated events are cipated, and are not
	Descride a brief state				
2.		cribe the malfunctio	n and explain w	g that the release is continuous hy the release from the malfuncte above.	
Natura	If malfunction, deso continuous and stab	cribe the malfunction of the in quantity and report of the control of the criterian of the	on and explain w ate given the no is used as supp	hy the release from the malfund	etion should be considered
Natura the co	If malfunction, desc continuous and stab al gas is burned in Bo mbustion of natural	cribe the malfunction of the in quantity and representation of the control of the	on and explain wate given the no is used as suppoiler was used f	hy the release from the malfuncte above. lement to Boiler #5. NOx is ger	nerated and released during as are based on AP-42, Section
Natura the con 1.4.	If malfunction, desc continuous and stab al gas is burned in Bo mbustion of natural Identify below how	cribe the malfunction of the in quantity and representation of the control of the	en and explain wate given the no is used as supploiler was used f	hy the release from the malfuncte above. lement to Boiler #5. NOx is ger or 16 days. Release calculation	nerated and released during as are based on AP-42, Section

SECTION II: SOURCE	
INFORMATION (continued)	CR-ERNS Number: 981320
Name of Source: Boiler #6	
EACH source. AFFECTED MEDIUM. Identify the environmental medi by the release from this source. If your source releases hazardou	ium (i.e., air, surface water, soil, or ground water) that is affected as substances to more than one medium (e.g., a wastepile releasing a separate source and complete Section II, Parts A, B, and C, of this
AIR If the medium affected is air, please also specify w	whether the source is a stack or a ground-based area source.
Stack Indicate stack height in feet or meters	70 feet
SURFACE WATER If the release affects any surface water body, give the nate of the surface water body. Surface water Body	ame of the water body.
Stream Stream Order	ne stream order or average flow rate, in cubic feet per second. OR Average Flow Rate (cubic feet/second)
Lake Surface area of lake (in acres) If the release affects a lake, give the s	Average depth of lake (in meters) surface area of the lake in acres and the average depth in meters.
SOIL OR GROUND WATER If the release is on or under ground, the location of public	c water supply wells within two miles.
The following information is not required to comply with the regulation: associated with the continuous release. If this information is not provivalues. Please note that the units specified below are suggested units. Yield identified.	ided, EPA will make conservative assumptions about the appropriate You may use other units; however, be certain that the units are clearly
For a stack release to air, provide the following information, if available	
Inside diameter (feet or meters) Gas Exit Velocity (ft or meters/s For a release to surface water, provide the following information, if avai	
Average velocity of surface water (feet/second)	

SECTION II: SOURCE INFORMATION (continued)					(CR-ERNS Number:	981320
Part C: Identity a Please provide a S.				tance or Mixture	e Released From F	Cach Source	
Name of Source:	Во	iler #6					
ist each hazardous s	substance rel	eased from the so	ource identified 2	above and provide t	he following informat	ion. Include units where approp	riate. Radionuclides in curies (Ci).
Name of Hazardous	Substance	CASRN#		al Range or Ci per day) Lower Bound	Number of Days Release Occurs (per year)	Total Quantity Released in Previous Yea (in lbs., kg, or Ci)	r Period of the Release
Nitrogen Dioxi	de NO2	10102-44-0	3.00 lbs/d	1.11 lbs/da	16	17.79 lbs/year	All 12 months
Nitrogen Oxid	e NO	10102-43-9	54.0lbs/da	20.01 lbs/d	16	320.22 lbs/year	All 12 months
Nitrous Oxide	N2O	10024-97-2	3.00 lbs/d	1.11 lbs/da	16	17.79 lbs/year	All 12 months
		:					
<u></u>			:				
List each mixture rele	eased from th	ne source identifi	ed above and pro	ovide the following i	information. Include a	units where appropriate. Radionucli	ides in curies (Ci).
N	lame of Hazar Substance			Normal Range of Components n lbs., kg, or Ci per o Upper Low	Mixture lay) (in lbs., kg, or Ci p		Total Quantity of Mixture Released Period of in Previous Year the
Name of Mixture	Component			Bound Bour		Bound (per year)	(in lbs., kg or Ci) Release
:]							
			:				

Form Approved OMB No. 2050-0086 Expiration Date: 12-31-2011

SECTION III: SUBSTANCE INFORMATION		CR-ERNS Num	ber: 981320		
Calculation of the SSI Trigger For EACH hazardous substance co the releasing sources and their upp substance.					
Name of Hazardous Substance:	Nitrous Oxide (N2O)				
To calculate the SSI trigger (i.e., the upper above, aggregate the upper bounds of the Section II, Part C. If the hazardous substantial component as calculated in Section II, Part C.	normal range of the ideance is also a component	dentified hazardous subsent of a mixture, be certain of the SSI trigger. Upper Bound of	tance across all source in to include the upp	es identified in er bound of the	
Name of Source(s) Boiler #5 + #5 ignition		the Release (specify lbs., kg., or Ci) 129.00 lbs/day			
Boiler #2	· · · · · · · · · · · · · · · · · · ·	0 lbs/day			
Boiler #4		2 lbs/day			
Boiler #6	3.00	lbs/day			
· · · · · · · · · · · · · · · · · · ·					

* This method for calculating the SSI trigger for the hazardous substance assumes that all releases of the same hazardous substance or mixture occur simultaneously. To the extent that a hazardous substance is released from your facility from different sources and at different frequencies, you may adjust the SSI trigger as appropriate so that it more accurately reflects the frequency and quantity of the release. The SSI trigger in the final analysis must reflect the upper bound of the normal range of the release, taking into consideration all sources of the release at the facility or vessel. The normal range of the release includes all releases previously reported or occurring over a 24-hour period during the previous year.

SECTION III: SUBSTANCE INFORMATION	CR-ERNS Numb	oer: 981320			
Calculation of the SSI Trigger For EACH hazardous substance comp the releasing sources and their upper substance.		.			
Name of Hazardous Substance:	Nitrogen Oxide (NO)				
above, aggregate the upper bounds of the no		nce across all sources identified in			
Name of Source(s)	the Release (spec	the Release (specify lbs., kg., or Ci)			
Boiler #5 + #5 ignition	2322.00 lbs/day				
Boiler #2	140.40 lbs/day	140.40 lbs/day			
Boiler #4	196.56 lbs/day	196.56 lbs/day			
Boiler #6	54.00 lbs/day				
		* ************************************			
•	ardous substance release*2712				

^{*} This method for calculating the SSI trigger for the hazardous substance assumes that all releases of the same hazardous substance or mixture occur simultaneously. To the extent that a hazardous substance is released from your facility from different sources and at different frequencies, you may adjust the SSI trigger as appropriate so that it more accurately reflects the frequency and quantity of the release. The SSI trigger in the final analysis must reflect the upper bound of the normal range of the release, taking into consideration all sources of the release at the facility or vessel. The normal range of the release includes all releases previously reported or occurring over a 24-hour period during the previous year.

SECTION III: SUBSTANCE INFORMATION		CR-ERNS Number:	981320
Calculation of the SSI Trigger For EACH hazardous substance content of the releasing sources and their uppendiculations.			
Name of Hazardous Substance:	Nitrogen Dioxide (NO2)		
To calculate the SSI trigger (i.e., the upper above, aggregate the upper bounds of the Section II, Part C. If the hazardous substateomponent as calculated in Section II, Part C.	normal range of the ance is also a compor	identified hazardous substance ac nent of a mixture, be certain to in	cross all sources identified in clude the upper bound of the
Name of Source(s)		the Release (specify lb	
Boiler #5 + #5 ignition		9.00 lbs/day	
Boiler #2	7.8	30 lbs/day	
Boiler #4		92 lbs/day	
Boiler #6	3.0	0 lbs/day	

* This method for calculating the SSI trigger for the hazardous substance assumes that all releases of the same hazardous substance or mixture occur simultaneously. To the extent that a hazardous substance is released from your facility from different sources and at different frequencies, you may adjust the SSI trigger as appropriate so that it more accurately reflects the frequency and quantity of the release. The SSI trigger in the final analysis must reflect the upper bound of the normal range of the release, taking into consideration all sources of the release at the facility or vessel. The normal range of the release includes all releases previously reported or occurring over a 24-hour period during the previous year.